

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	("10605463").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/05/29 09:15
L2	0	"10605463"	US-PGPUB; USPAT	OR	ON	2007/05/29 09:15
L3	0	"10605463"	US-PGPUB; USPAT	OR	ON	2007/05/29 09:15
L4	1	10/605,463	US-PGPUB; USPAT	OR	ON	2007/05/29 10:26
L5	229	(edg\$3 near imag\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6 or smooth\$3)same(color\$2 or colour\$4 or RGB\$2 or grey\$3 or gray\$3 or black\$3 or whit\$3)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(compar\$6 or correlat\$4 or associat\$4 or match\$3 or similar\$4)	US-PGPUB; USPAT	OR	ON	2007/05/29 10:30
L6	91	5 same(edg\$3 near10(smooth\$3 or correct\$4 or adjust\$4 or filter\$4))	US-PGPUB; USPAT	OR	ON	2007/05/29 10:31
L7	1	"5504592".PN.	USPAT; USOCR	OR	ON	2007/05/29 10:36
L8	1	"5339365".PN.	USPAT; USOCR	OR	ON	2007/05/29 10:36
L9	1	"5315415".PN.	USPAT; USOCR	OR	ON	2007/05/29 10:37
S1	31408	(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or extract\$3 or detect\$4)same(edg\$3 or contour\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:43
S2	12481	S1 same(compar\$6 or correlat\$4 or match\$3 or similar\$4 or differen\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:46
S3	4260	S2 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:47
S4	893	S3 same(dust\$3 or scratch\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:47
S5	43	S4 same(add\$3 or sum\$3)near10 (edg\$4 or contour\$3)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:49

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S6	27709	(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or detect\$4)same(edg\$3 or contour\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:34
S7	11060	S6 same(compar\$6 or correlat\$4 or match\$3 or similar\$4 or differen\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 09:46
S8	3740	S7 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:35
S9	743	S8 same(unsharp\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:36
S10	33	S9 same(add\$3 or sum\$3 or differnc\$4)near10(edg\$4 or contour\$3)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:36
S11	1	"5563652".PN.	USPAT; USOCR	OR	ON	2007/04/30 10:08
S12	1	"5357353".PN.	USPAT; USOCR	OR	ON	2007/04/30 10:11
S13	2	"20040189874"	US-PGPUB; USPAT	OR	ON	2007/04/30 11:32
S14	4969	(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(filter\$3 or correct\$4 or adjust\$4 or enhanc\$6)same(scan\$4 or read\$3 or captur\$3 or detect\$4)same((edg\$3 or contour\$4)near10 imag\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:35
S15	1868	S14 same(calculat\$4 or comput\$4 or measur\$3 or estimat\$6 or add\$3 or boost\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:35
S16	531	S15 same(unsharp\$3 or nois\$3 or saturat\$4 or bright\$3 or blur\$3 or artifact\$3 or distort\$4)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:36
S17	39	S16 same(add\$3 or sum\$3 or differnc\$4)near10(edg\$4 or contour\$3)	US-PGPUB; USPAT	OR	ON	2007/04/30 11:50
S18	1	"6765609".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:38
S19	1	"6567497".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:38
S20	1	"6455860".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:38

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S21	1	"5715052".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:38
S22	1	"6587509".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:41
S23	1	"6195132".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:42
S24	1	"6587509".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:43
S25	1	"6195132".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:43
S26	1	"6115071".PN.	USPAT; USOCR	OR	ON	2007/04/30 11:47
S30	0	"10660329"	US-PGPUB; USPAT	OR	ON	2007/04/30 11:58
S31	39	xianglin near2 wang	US-PGPUB; USPAT	OR	ON	2007/04/30 11:56
S33	1	(enhanc\$6 and original\$3 and edg\$4 and unsharp\$4 and differen\$4 and boost\$4 and add\$4 and nois\$4).clm.	US-PGPUB; USPAT	OR	ON	2007/04/30 11:58
S34	340610	(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)same(display\$4 or view\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:34
S35	27883	S34 same(align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:35
S36	1025	S35 same(overlap\$3 or overlay\$3 or over-lap\$3 or over-lay\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:35
S37	52	S36 same(zoom\$3 near10(display\$3 or view\$3))	US-PGPUB; USPAT	OR	ON	2007/05/24 16:29
S38	409	S36 same((zoom\$3 or enlarg\$6 or magnif\$6) near10(display\$3 or view\$3))	US-PGPUB; USPAT	OR	ON	2007/05/24 16:36
S39	161	S38 same(position\$3 or location\$3 or orientation\$3 or mov\$3 or shift\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:33
S40	39	S39 same(stor\$4 or memor\$4 or record\$3 or databas\$4 or buffer\$3)	US-PGPUB; USPAT	OR	ON	2007/05/29 09:15
S41	27394	(imag\$3)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)same(display\$4 or view\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:49

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S42	5793	S41 same(align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:50
S43	326	S42 same(overlap\$3 or overlay\$3 or over-lap\$3 or over-lay\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:51
S44	109	S43 same((zoom\$3 or enlarg\$6 or magnif\$6) near10(display\$3 or view\$3))	US-PGPUB; USPAT	OR	ON	2007/05/24 16:51
S45	51	S44 same(stor\$4 or memor\$4 or record\$3 or databas\$4 or buffer\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:51
S46	1	"6363178".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:44
S47	1	"6005679".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:45
S48	1	"5748234".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:45
S49	1	"5576759".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:46
S50	1	"5553277".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:46
S51	1	"5224181".PN:	USPAT; USOCR	OR	ON	2007/05/24 16:46
S52	1	"5206931".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:46
S53	1	"6713263".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:47
S54	1	"6607888".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:47
S55	1	"6150089".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:47
S56	1	"6448012".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:47
S57	1	"6147198".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:47
S58	31429	(pictur\$3 or document\$3 or photograph\$3 or imag\$3)same(segment\$6 or divid\$3 or partition\$3 or partial\$3 or portion\$3 or region\$3 or extract\$3 or block\$3)same(enlarg\$6 or scal\$4 or zoom\$4 or magnif\$6)same(display\$4 or view\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:50

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S59	6509	S58 same(align\$6 or fus\$4 or synthes\$4 or merg\$3 or combin\$6 or compos\$6 or mosiac\$4 or mesh\$3 or superimpos\$4)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:50
S60	386	S59 same(overlap\$3 or overlay\$3 or over-lap\$3 or over-lay\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:51
S61	116	S60 same((zoom\$3 or enlarg\$6 or magnif\$6) near10(display\$3 or view\$3))	US-PGPUB; USPAT	OR	ON	2007/05/24 16:51
S62	54	S61 same(stor\$4 or memor\$4 or record\$3 or databas\$4 or buffer\$3)	US-PGPUB; USPAT	OR	ON	2007/05/24 16:52
S63	1	"5651107".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:54
S64	1	"5651107".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:54
S65	1	"5638523".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:55
S66	1	"5473737".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:55
S67	1	"5187776".PN.	USPAT; USOCR	OR	ON	2007/05/24 16:56
S68	1	"5438651".PN.	USPAT; USOCR	OR	ON	2007/05/24 18:52
S69	1	"5412767".PN.	USPAT; USOCR	OR	ON	2007/05/24 18:52


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Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IIE CNF = IIE Conference, IEEE STD = IEEE Standard

1. **Neural edge enhancer for supervised edge enhancement from noisy images**
Suzuki, K.; Horiba, I.; Sugie, N.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 25, Issue 12, Dec. 2003 Page(s):1582 - 1596
IEEE JNL
2. **Multilevel nonlinear filters for edge detection and noise suppression**
Humor Hwang; Haddad, R.A.;
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5. **Derivation of optimal filters for the detection of coronary arteries**
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6. **Fuzzy Rank LUM Filters**
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7. **A model-based approach for filtering and edge detection in noisy images**
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8. **Decimated rank-order filtering**
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9. **An X-band front-end module using HTS technique for a commercial dual mode radar**
Dow-Chih Niu; Tung-Wuu Huang; Hao-Jung Lee; Chi-Yang Chang;
Applied Superconductivity, IEEE Transactions on
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10. **A hybrid neuro-fuzzy filter for edge preserving restoration of images corrupted by impulse noise**
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Hwang, H.;
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13. **Gray and color image contrast enhancement by the curvelet transform**
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14. **Multispectral Bilateral Video Fusion**
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15. **Image denoising based on wavelets and multifractals for singularity detection**
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16. **Wavelet transform domain filters: a spatially selective noise filtration technique**
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17. **Cost-effective color filter array demosaicing using spatial correlation**
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18. **Adaptive schemes for noise filtering and edge detection by use of local statistics**
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19. A parametrized family of nonlinear image smoothing filters

Rey, C.; Ward, R.K.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on
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20. Edge-adaptive Kalman filtering for image restoration with ringing suppression

Tekalp, A.M.; Kaufman, H.; Woods, J.W.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on
Volume 37, Issue 6, June 1989 Page(s):892 - 899

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21. Decision-based order statistic filters

Lee, Y.-H.; Tansaratana, S.;

Acoustics, Speech, and Signal Processing [see also IEEE Transactions on Signal Processing], IEEE Transactions on
Volume 38, Issue 3, March 1990 Page(s):406 - 420

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22. Tree-structured nonlinear filters in digital mammography

Wei Qian; Clarke, L.P.; Kallergi, M.; Clark, R.A.;

Medical Imaging, IEEE Transactions on
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23. Spatially adaptive wavelet-based multiscale image restoration

Banham, M.R.; Katsaggelos, A.K.;

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Volume 5, Issue 4, April 1996 Page(s):619 - 634

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24. Modeling and quality assessment of halftoning by error diffusion

Kite, T.D.; Evans, B.L.; Bovik, A.C.;

Image Processing, IEEE Transactions on
Volume 9, Issue 5, May 2000 Page(s):909 - 922

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25. Fast edge-preserving noise reduction for ultrasound images

Chinrungrueng, C.; Suvichakorn, A.;

Nuclear Science, IEEE Transactions on
Volume 48, Issue 3, June 2001 Page(s):849 - 854

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